

INDIANA DEPARTMENT OF TRANSPORTATION

INTER-DEPARTMENT COMMUNICATION



Standards Section -- Room N642
Writer's Direct Line:
(317) 232-6775



June 7, 2000

DESIGN MEMORANDUM No. 00-09 **POLICY CHANGE**

TO: All Design, Operations, and District Personnel, and Consultants

FROM: /s/ Anthony L. Uremovich
Anthony L. Uremovich
Acting Design Policy Engineer
Contracts & Construction Division

SUBJECT: PCCP Typical Sections, Design Manual Section 52-6.0

EFFECTIVE: Immediately—See Below for Additional Information

SUPERSEDES: Design Manual Figures 52-6F through 6H and 52-6M through 6 O

Attached are revised versions of the above noted figures from Section 52-6.0 of the Design Manual. These revised figures will remain in effect until a formal Design Manual revision is prepared and distributed to registered owners of the manual.

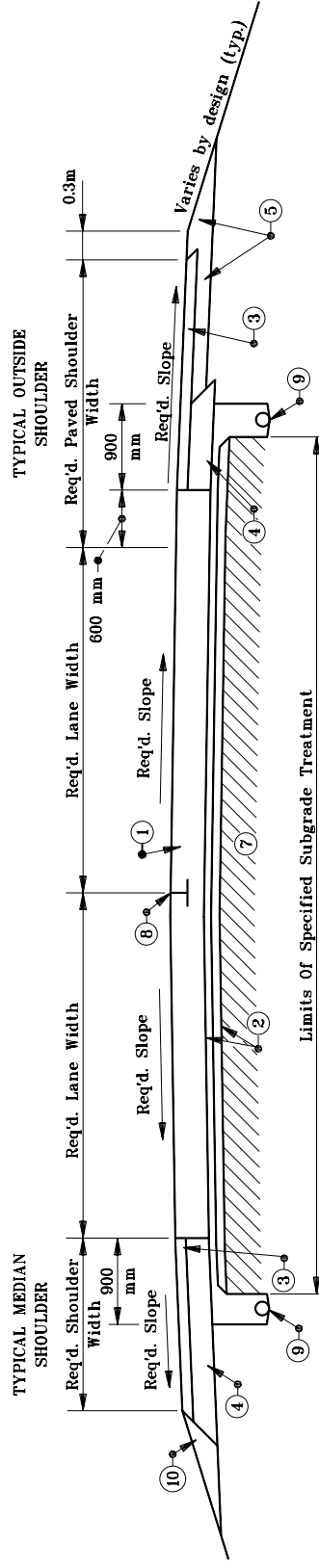
The new elements shown on the sections include revised limits for the specified subgrade treatment and PCCP subbase.

All Tracing submittals made after August 1, 2000 for projects with PCCP must include all elements of the appropriate revised section or sections in the contract documents. This includes the correct incorporation of cross sections on Typical Cross Section Sheets, as well as quantity calculations based on the new limits for the specified subgrade treatment and "Subbase for PCCP" (pay item number 304-06464).

If you have any questions regarding this matter, please do not hesitate to contact me at (317) 232-6775.

Attachment

ALU/jgj
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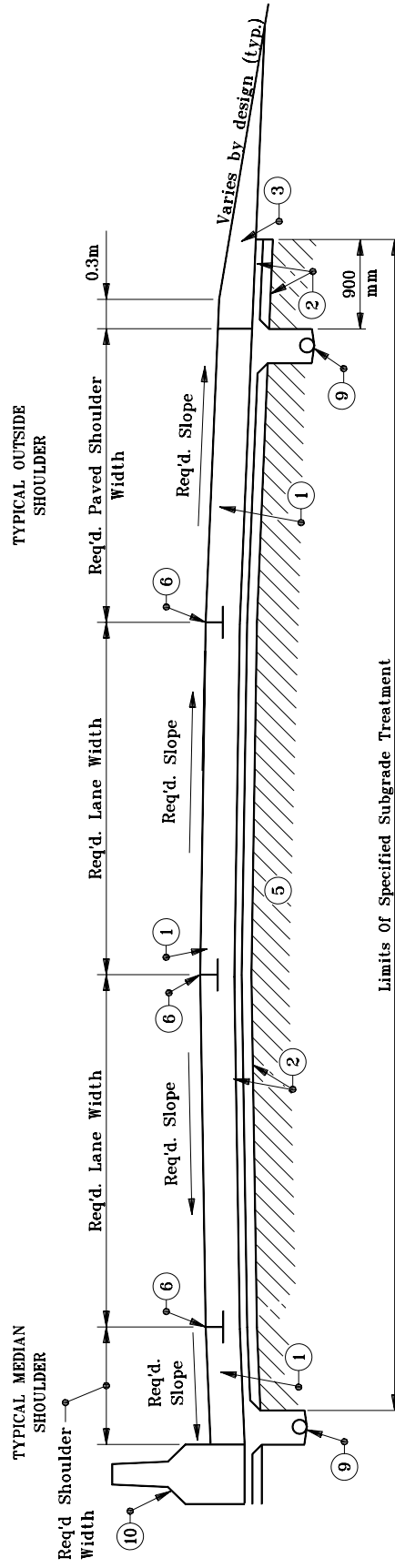
Mainline

- ① PCCP
- ② Subbase for PCCP

Shoulders

- ③ 90 kg/m² HMA Surface 9.5 mm
- ⑤ 180 kg/m² HMA Intermediate 19.0 mm
- ④ HMA Base 25.0 mm
- ⑥ 150 mm min. Compacted Aggregate, 0, No. 53
- ⑦ Subgrade treatment as specified
- ⑧ Longitudinal joint or Longitudinal construction joint
- ⑨ Underdrain Pipe
- ⑩ Variable Depth Compacted Aggregate, 0, No. 53

PCCP SECTION W/HMA SHOULDER, RURAL
Figure 52-6F

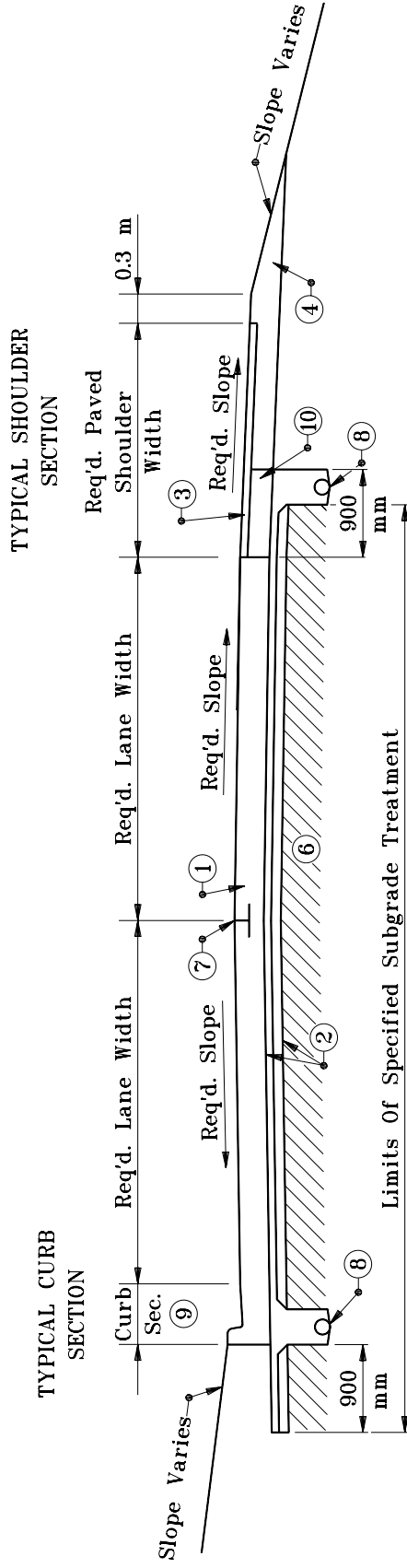


Mainline and Shoulders

- ① PCCP
- ② Subbase for PCCP
- ③ Compacted Aggregate, 0, No. 53
- ⑤ Subgrade treatment as specified
- ⑥ Longitudinal joint or Longitudinal construction joint. Refer to Figure 52-6P for pavement joint options.
- ⑨ Underdrain Pipe
- ⑩ Concrete Median Barrier, if required. Refer to Figure 52-6 0 if barrier not required.

NOTE: The contractor has the option of omitting the longitudinal joint at the left edge of pavement as specified.

PCCP SECTION W/PCC SHOULDER, URBAN
Figure 52-6G



Mainline

- ① PCCP
- ② Subbase for PCCP
- ⑦ Longitudinal joint or Longitudinal construction joint

HMA Shoulder

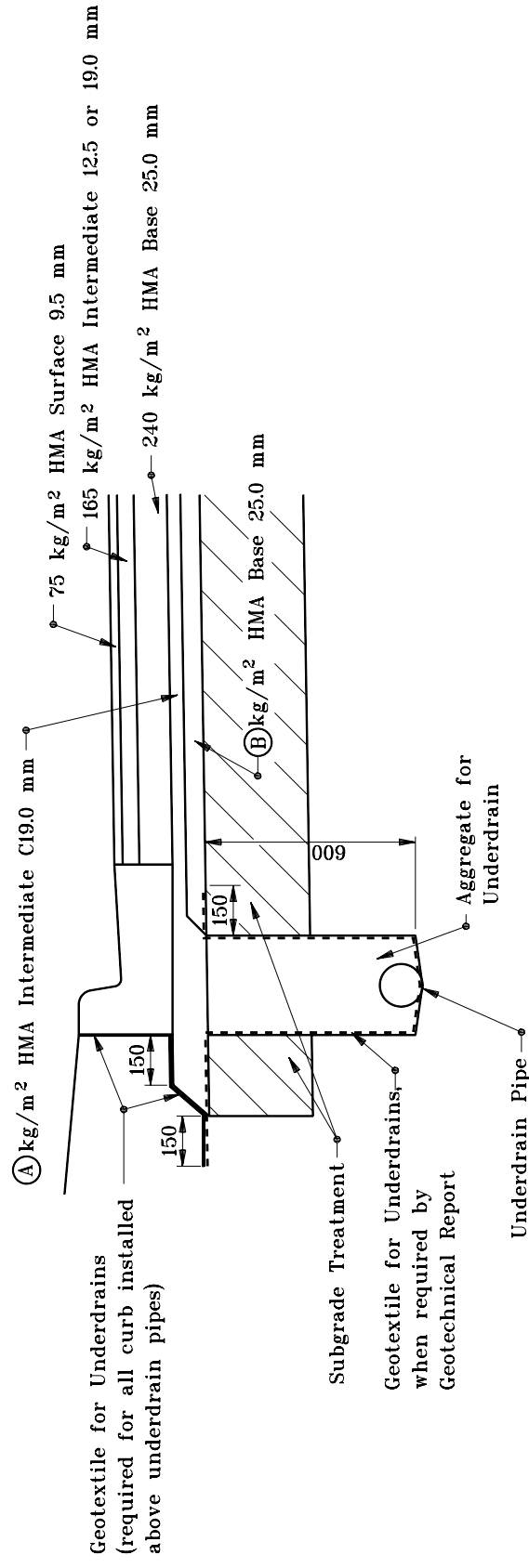
- ③ 180 kg/m² HMA Base 25.0 mm with Seal Coat, Type 2
- ④ Compacted Aggregate, 0, No. 53
- ⑥ Subgrade treatment as specified
- ⑧ Underdrain Pipe
- ⑩ HMA Base 25.0 mm

Concrete Curb

- ⑨ Refer to Figure 52-6N for geotextile installation requirements for curbs

PCCP SECTION W/HMA SHOULDER or CONCRETE CURB, URBAN
Figure 52-6H

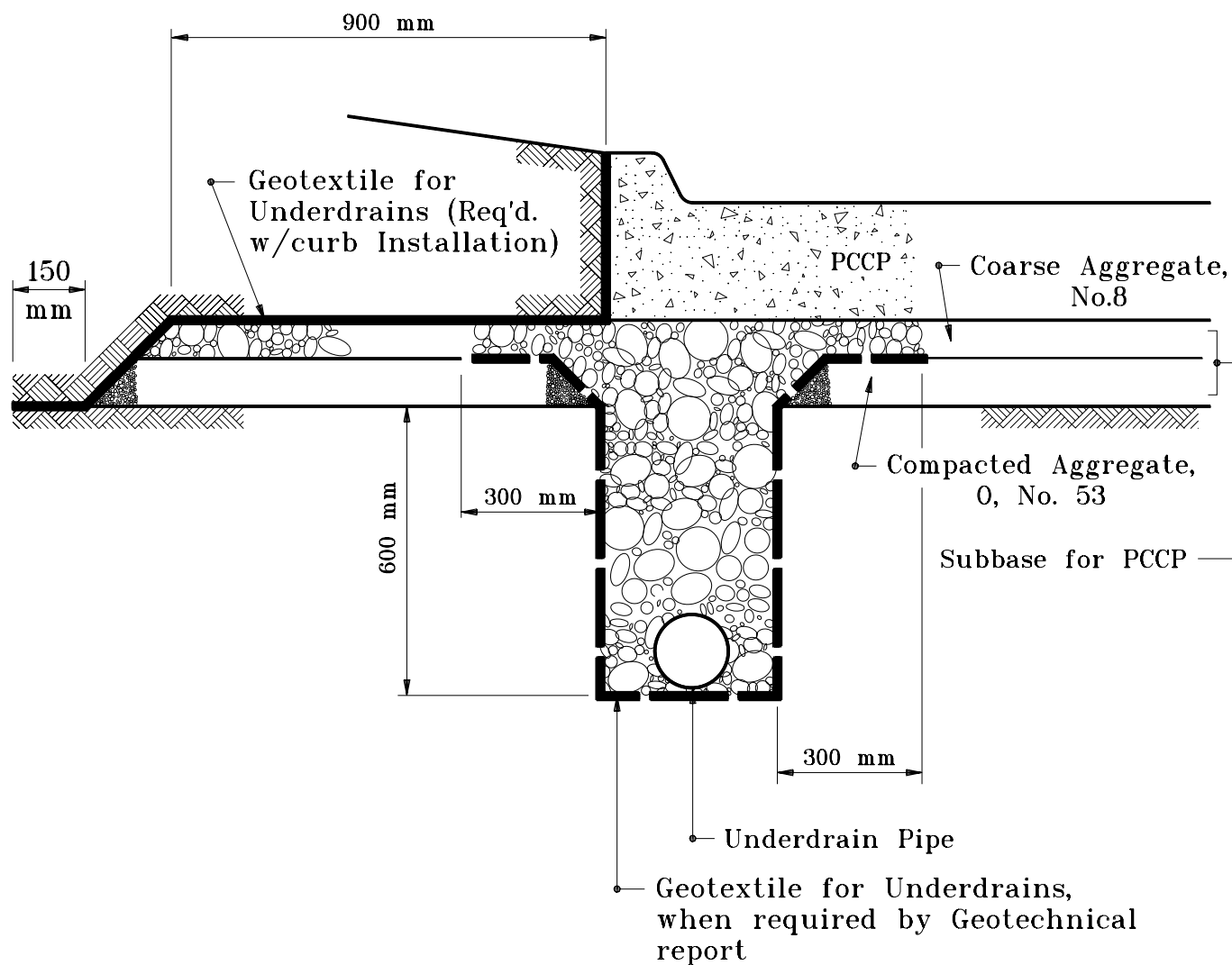
PAVEMENT THICKNESS	(A)	(B)
300	95	135
325	110	180
350	140	210



CURB AND GUTTER SECTION FOR HMA PAVEMENTS WITH UNDERDRAIN

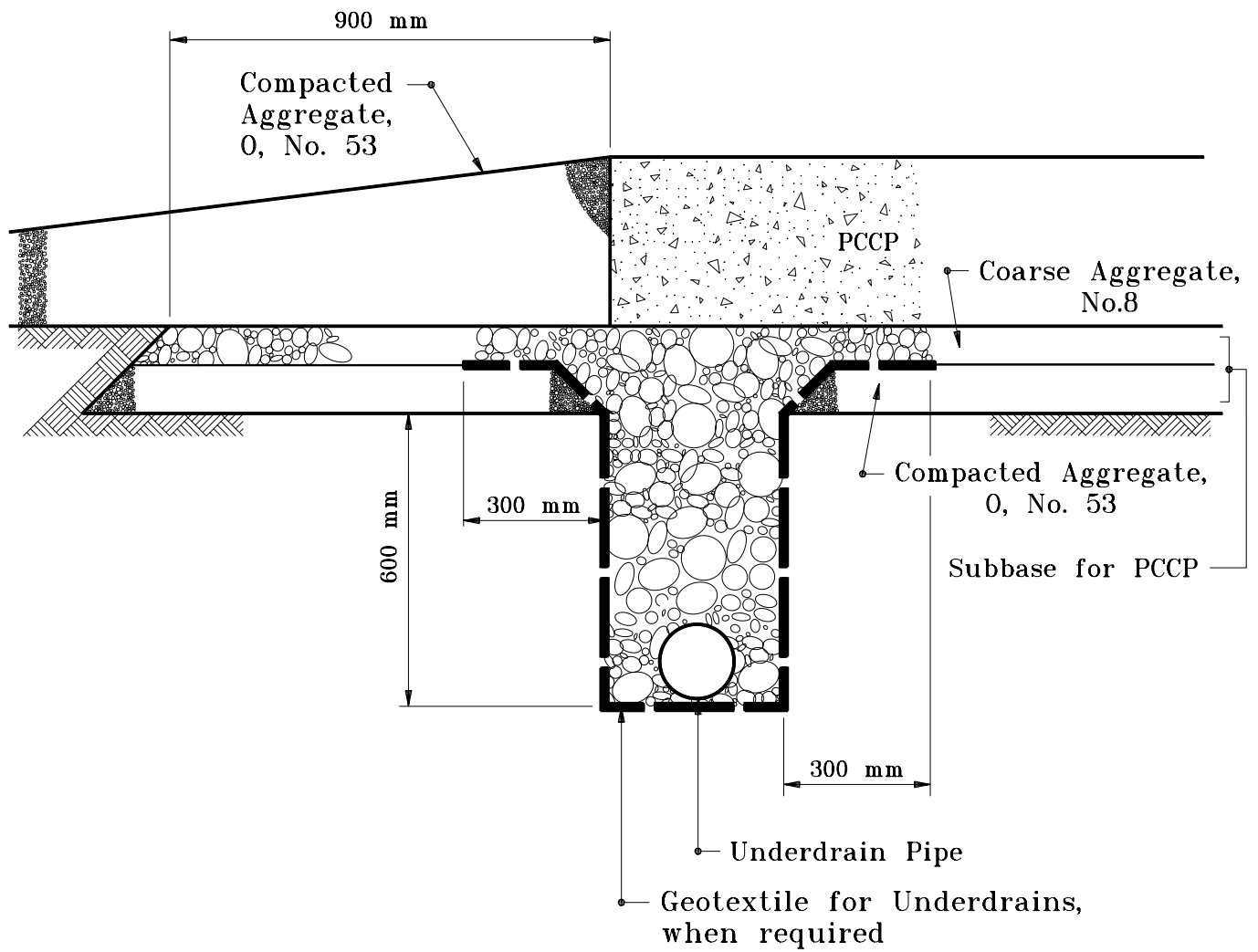
Figure 52-6M

All dimensions are in mm unless otherwise noted



CURB CONCRETE PAVEMENT SECTION
WITH UNDERDRAIN

Figure 52-6N



PCCP SECTION WITH UNDERDRAIN

Figure 52-6 0